

## Evaluating Discrimination Testing Usability

Thank you for your interest in participating in our study!

Participation in this study is voluntary and you will not be penalized if you decide not to take part in the study or if you quit the study later.

\* Required

### INFORMED CONSENT FORM

In the following link, you will be given information regarding participation in this study. Please read carefully to determine if you would like to consent to participation.

1. I have read this form, all of my questions have been answered by the research staff, and I agree to participate in this study. \*

☐ I agree

☐ I disagree

## Professional and Personal Background Information

Please answer the following questions about yourself.

### 2. What best describes your current job role? \*

Please select your **primary** current role.

- ☐ Researcher
- ☐ Software Engineer
- ☐ Student
- ☐ Other

### 3. How long have you been working in your current occupation (in years)? \*

- ☐ 0-1
- ☐ 2-3
- ☐ 4-7
- ☐ 8+

### 4. How frequently do you face Discrimination in AI-assisted software outcomes?(showing discrimination against particular attribute, e.g., social status ) \*

- ☐ Every day
- ☐ A few times a week
- ☐ A few times a month
- ☐ Rarely
- ☐ Never

5. What type of model do you examine to identify or assess discrimination in software outcomes? \*

- ☐ Traditional ML
- ☐ Deep Learning models
- ☐ Language Models
- ☐ Vision Models
- ☐ Other

6. What is your primary objective when utilizing discrimination analysis for a particular model outcomes? \*

- ☐ Discrimination Detection
- ☐ Discrimination Mitigation
- ☐ Transparency/interpretability
- ☐ Other

7. What kind of issues arises when you encounter discriminatory outcomes ? \*

- ☐ Lack of Diversity & Inclusivity
- ☐ Model Inconsistency
- ☐ Lack of Data Representation & Balancing
- ☐ Other

8. When you experience discrimination in software behavior, what kind of coping strategies do you rely on? \*

- ☐ Psychological strategy (e.g., resilience, stress-coping)
- ☐ Social support (e.g., family, friends, community)
- ☐ Legal/advocacy Software Support (e.g., Model/Tool/Metrics)
- ☐ Workplace/educational protocol (e.g., HR policies, Non Discrimination initiatives)
- ☐ Other

9. Have you received any formal professional training or instruction on how to address or manage discriminatory situations in your workplace? \*

- ☐ Yes
- ☐ No
- ☐ Not sure

10. How useful do you think Discrimination analysis in AI-assisted Software Outcomes? \*

- ☐ Not useful at all
- ☐ Slightly useful
- ☐ Neutral
- ☐ Moderately useful
- ☐ Very useful

11. In what phase of SDLC do you think it's important to understand potential discriminatory outcomes in AI-assisted software? \*

- ☐ Requirement Analysis
- ☐ Design
- ☐ Developement
- ☐ Testing
- ☐ Maintenance

12. When you encounter discriminatory outcomes, how frequently do you understand the underlying cause? \*

- ☐ Always
- ☐ Often
- ☐ Sometimes
- ☐ Rarely
- ☐ Never

13. Describe your real life experience in encountering discriminatory software outcomes in 2~3 lines?  
(optional)

## Scheduling your interview

Please fill out the following questions to indicate your interest in completing a 45-60 minute interview with a member of our research team.

14. **Are you interested in participating in an interview for our study? \***

☐ Yes

☐ No

15. If you answered 'Yes' to the question above, please enter your **institutional email address (e.g., .org, .edu)** that we can contact for interview scheduling purposes or Raffle draw win. If you are not interested in scheduling an interview, enter 'N/A'. \*

Your email address will only be used to schedule your interview and then for compensation following the interview. Email addresses will be destroyed after scheduling and compensation is complete.

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